

IN THE CLAIMS:

Please amend Claims 1 to 3, 6 and 11 as follows, and cancel Claims 4, 5, 7 and 12 to 15 without prejudice or disclaimer of subject matter.

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1. (Currently Amended) An image sensing apparatus comprising:  
a radiation generating apparatus that generates radiation;  
a sensor region portion including a plurality of pixels for detecting an object image;  
a read-out circuit adapted to ~~sequentially~~ read out signals from the plurality of pixels ~~into a common output portion;~~ and  
a power supply ~~unit~~ circuit adapted to supply electric ~~powers~~ power to said sensor region portion and to said read-out circuit independently;  
an exposure permission timer adapted to generate a radiation exposure permission signal to said radiation generating apparatus a predetermined time after said power supply circuit supplies the electric power to said sensor portion; and  
a control circuit adapted to control said power supply circuit so as to supply the electric power to said sensor portion at a first timing and supply the electric power to said read-out circuit in association with the radiation exposure permission signal generated by said exposure permission timer.

2. (Currently Amended) The image sensing apparatus according to Claim 1, wherein said power supply ~~unit~~ circuit includes a first power circuit adapted to supply the power to said sensor region portion and a second power circuit adapted to supply the power to said read-out circuit.

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3. (Currently Amended) The image sensing apparatus according to Claim 1, wherein said power supply ~~unit~~ circuit includes a first switch adapted to supply the power to said sensor ~~region~~ portion and a second switch adapted to supply the power to said read-out circuit.

4. (Cancelled)

5. (Cancelled)

6. (Currently Amended) The image sensing apparatus according to Claim 4 ~~1~~, wherein ~~said control circuit controls said power supply unit so as to supply the power to said sensor region, based on a ready-request signal for bringing said radiation generator into a state ready for radiation exposure, and supply the power to said read-out circuit, based on a request for exposure to said radiation generator~~ the first timing associated with control by said control circuit is a timing based on start-up of equipments included in said radiation generating apparatus.

7. (Cancelled)

8. (Original) The image sensing apparatus according to Claim 5, wherein said control circuit performs such control that no power is supplied to said sensor and to said read-out circuit, after completion of read-out of signals from said read-out circuit.

9. (Original) The image sensing apparatus according to Claim 5, wherein said control circuit performs selective control of a first state in which no power is supplied to said sensor and to said read-out circuit and into a second state in which no power is supplied to said read-out circuit, after completion of read-out of signals from said read-out circuit.

10. (Original) The image sensing apparatus according to Claim 1, wherein said read-out circuit includes amplifiers for amplifying the respective signals from said plurality of pixels.

11. (Currently Amended) The image sensing apparatus according to Claim 1, wherein said control circuit effects the control so that the electric power is supplied to part of said sensor portion and part of said read-out circuit before radiation exposure by said radiation generating apparatus and the electric power is supplied to the whole of said sensor portion and the whole of said read-out circuit after completion of radiation exposure on the basis of the radiation exposure permission signal generated by said exposure permission timer.

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

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16. (New) The image sensing apparatus according to Claim 1, wherein said exposure permission timer generates the radiation exposure permission signal to said radiation generating apparatus on the basis of a time which is required to obtain a stable state of said sensor portion.

17. (New) The image sensing apparatus according to Claim 1, wherein said exposure permission timer generates the radiation exposure permission signal to said radiation generating apparatus on the basis of a timer which is required to obtain a stable state of offset of said sensor portion.

18. (New) The image sensing apparatus according to Claim 1, wherein said exposure permission timer checks in a real time manner an offset amount of said sensor portion and generates the radiation exposure permission signal to said radiation generating apparatus on the basis of the checked offset amount.